ABSTRACT

The invention comprises a system for identifying an electrical short in a flowing electrolyte battery. The system for identifying an electrical short in a flowing electrolyte battery comprises a detection device for detecting direction of current flow through the battery, wherein the flow of current in a first direction is indicative of proper current flow and the flow of current in a second direction is indicative of an electrical short within at least a portion of the battery, and a switch, for example, for ceasing current flow upon detection of current flow in the second direction. The system further contemplates an identifying component which visually and/or audibly alerts an operator as to an electrical short.